FIG.1
RELATED ART

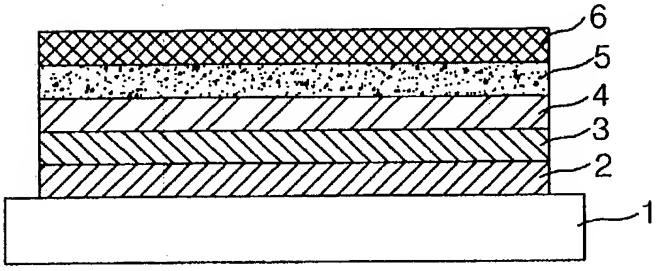


FIG.3
RELATED ART

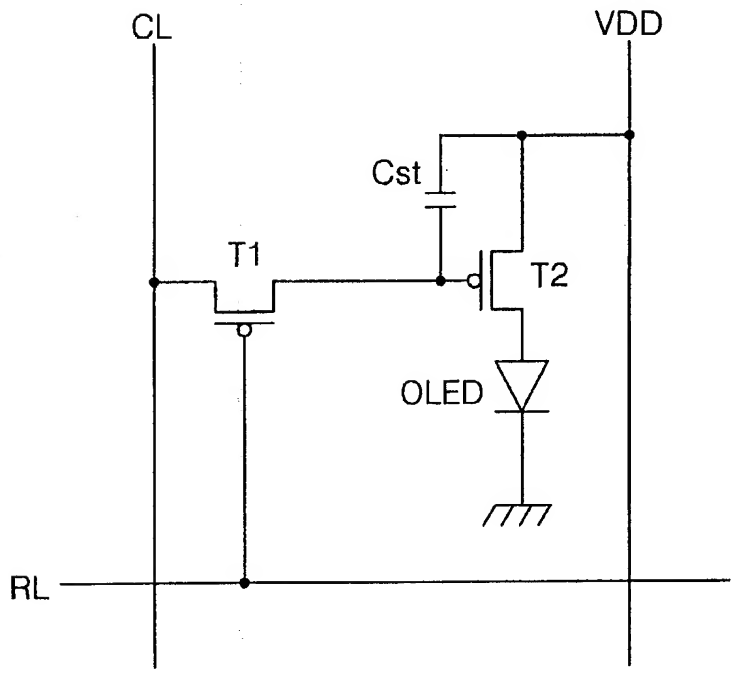


FIG.2
RELATED ART

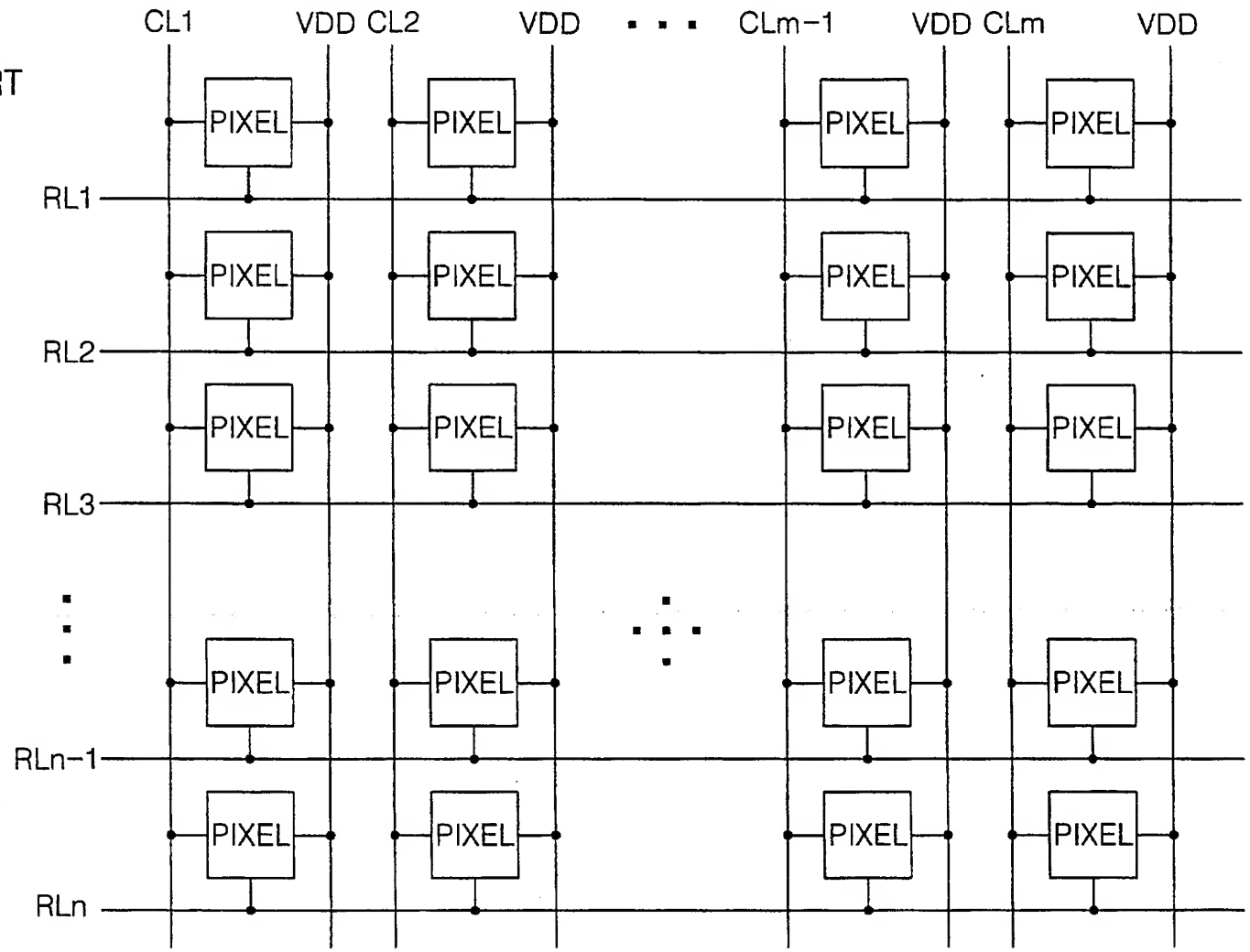


FIG. 4
RELATED ART

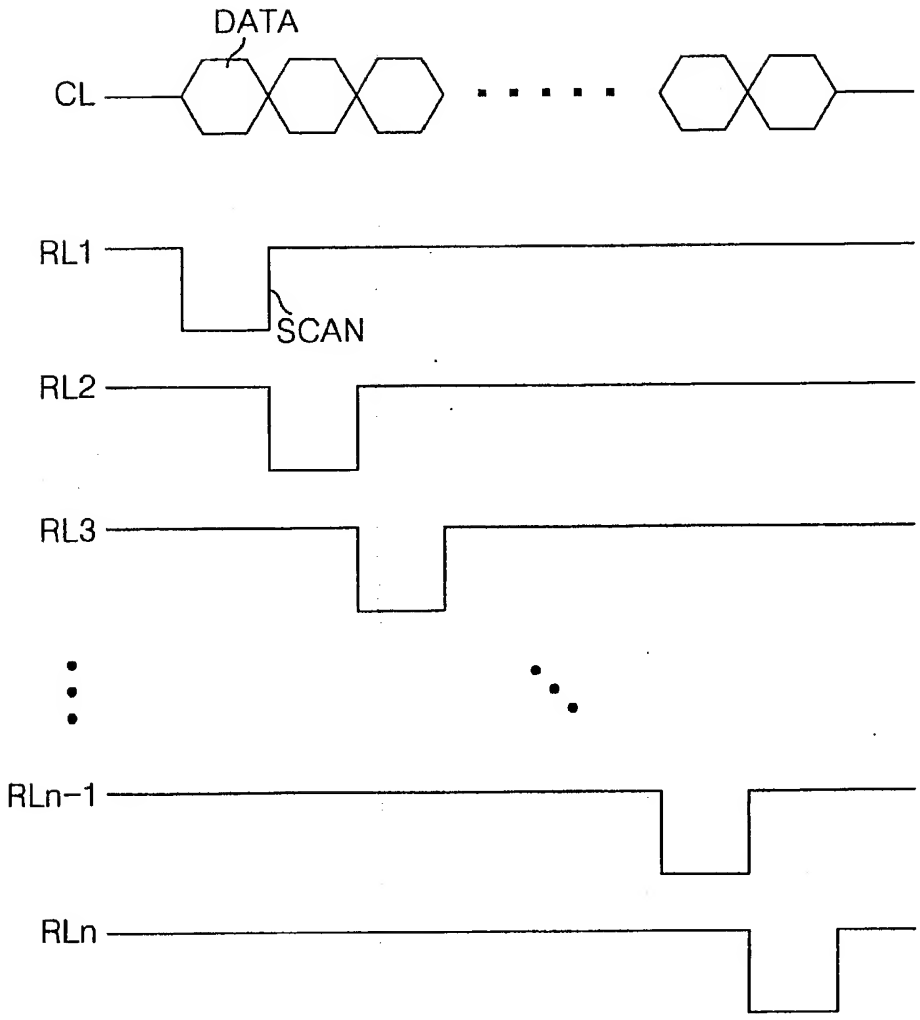


FIG.5
RELATED ART

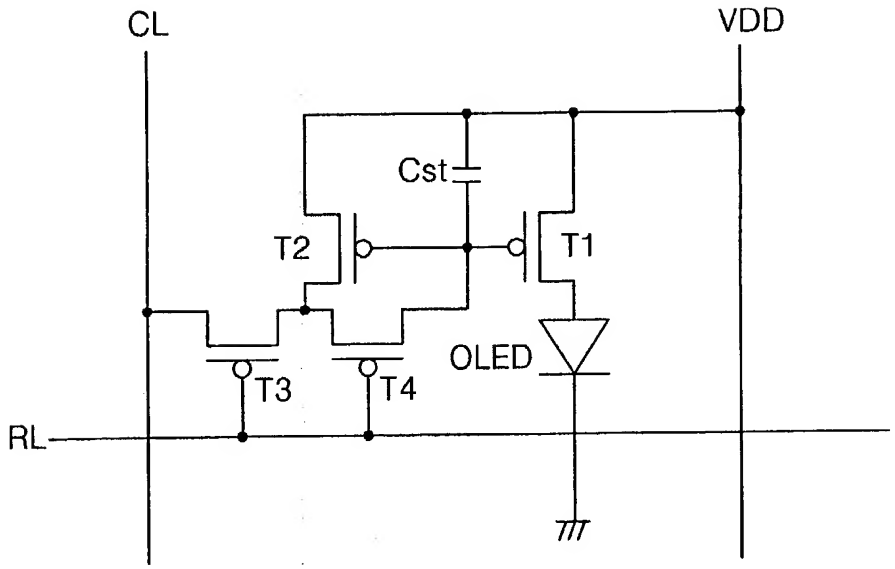


FIG.7
RELATED ART

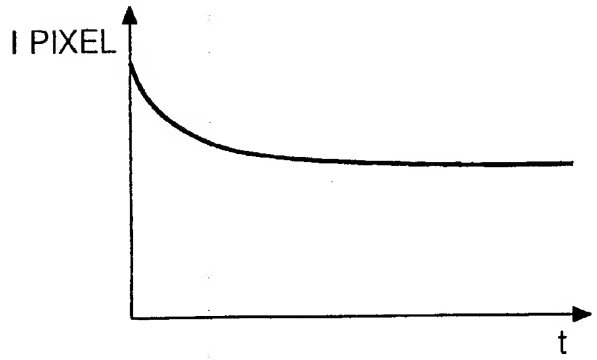


FIG.6
RELATED ART

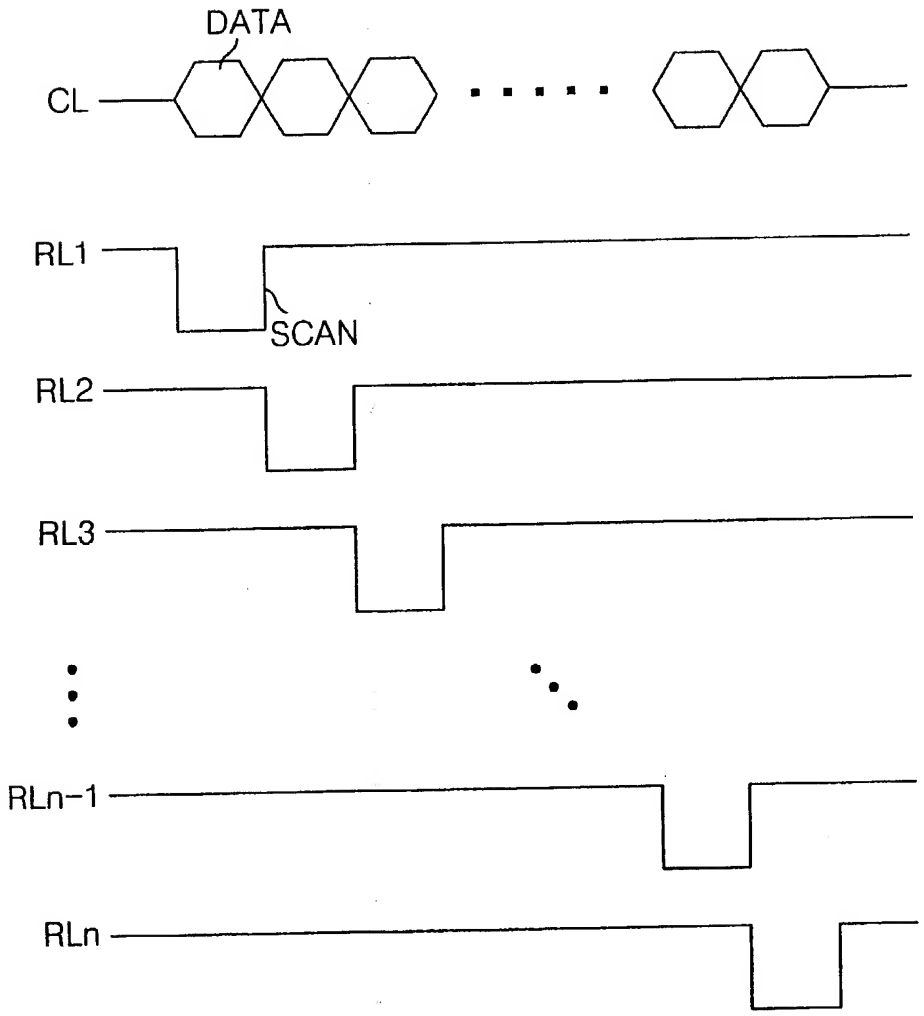


FIG.8

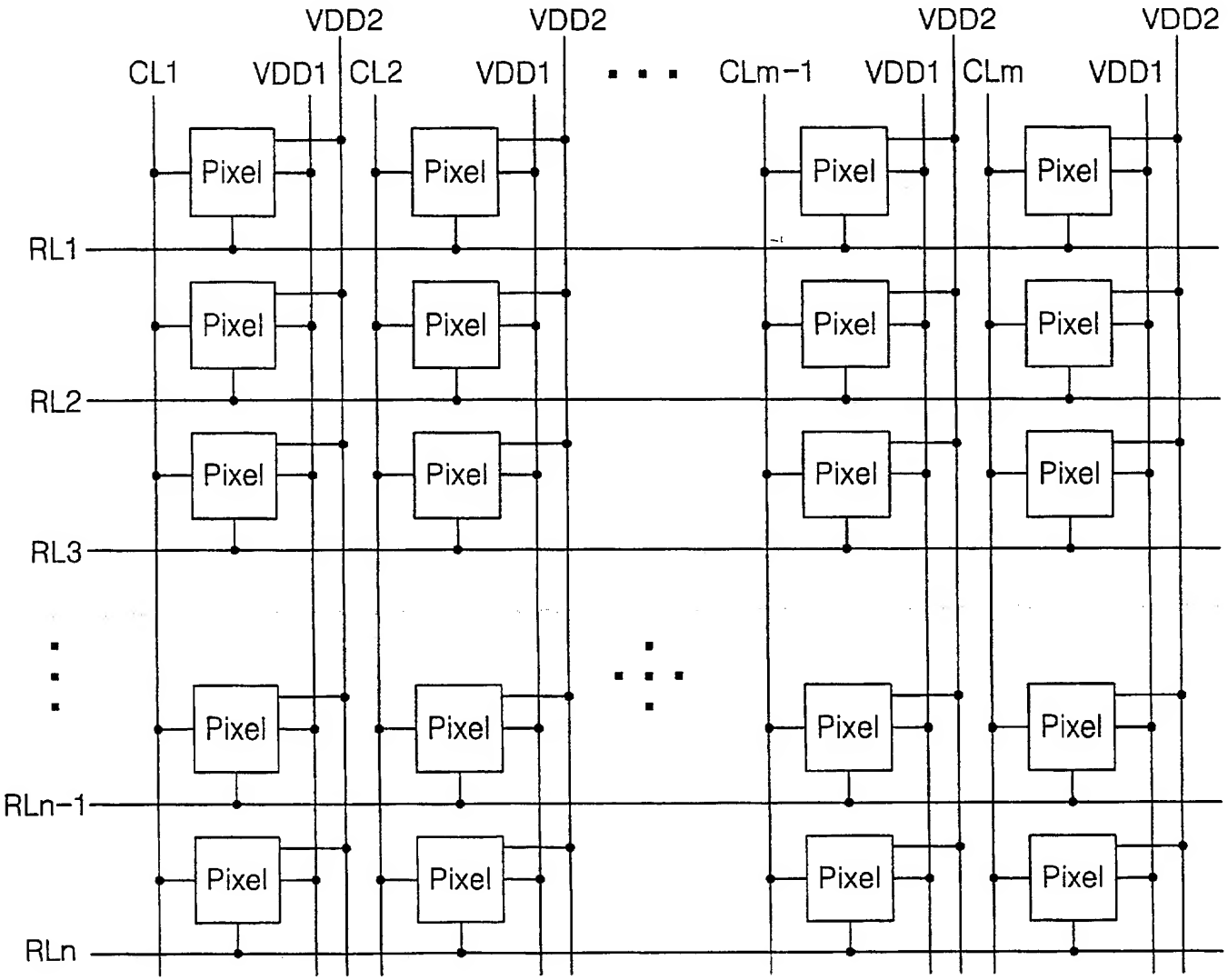

VDD2
VDD2
VDD2
VDD2
CL1
VDD1
CL2
VDD1
CLm-1
VDD1
CLm
VDD1
Pixel
RL1
RL2
RL3
RLn-1
RLn

FIG.9

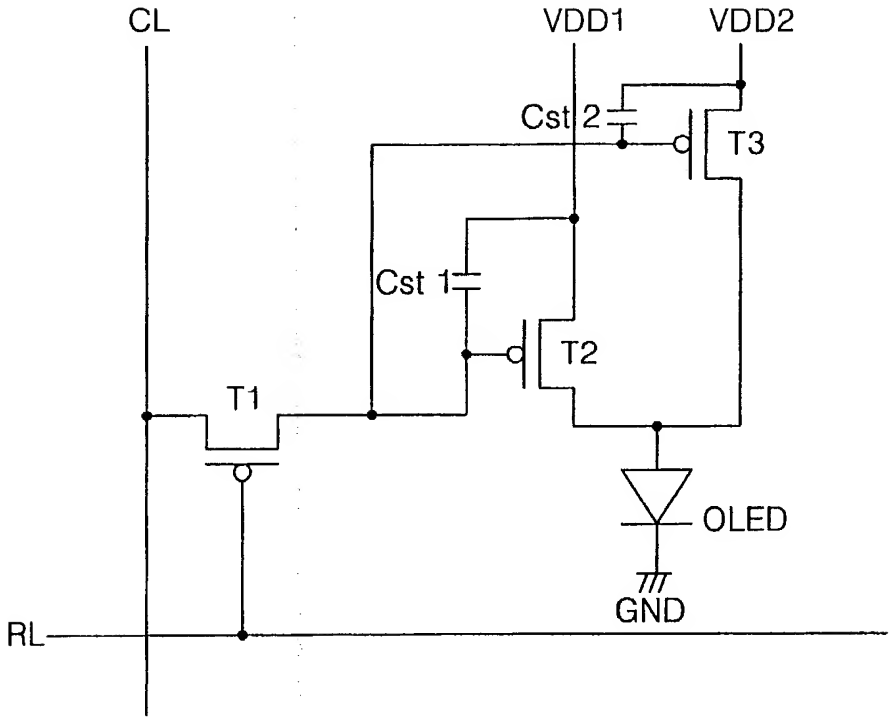

CL
VDD1
VDD2
Cst 2
T3
Cst 1
T2
T1
OLED
GND
RL

FIG.10

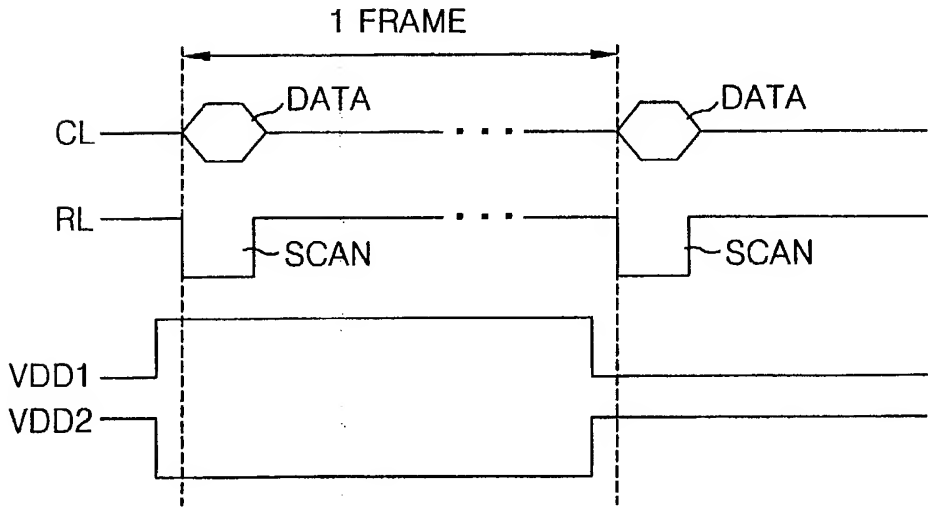

1 FRAME
DATA
DATA
CL
RL
SCAN
SCAN
VDD1
VDD2

FIG.11

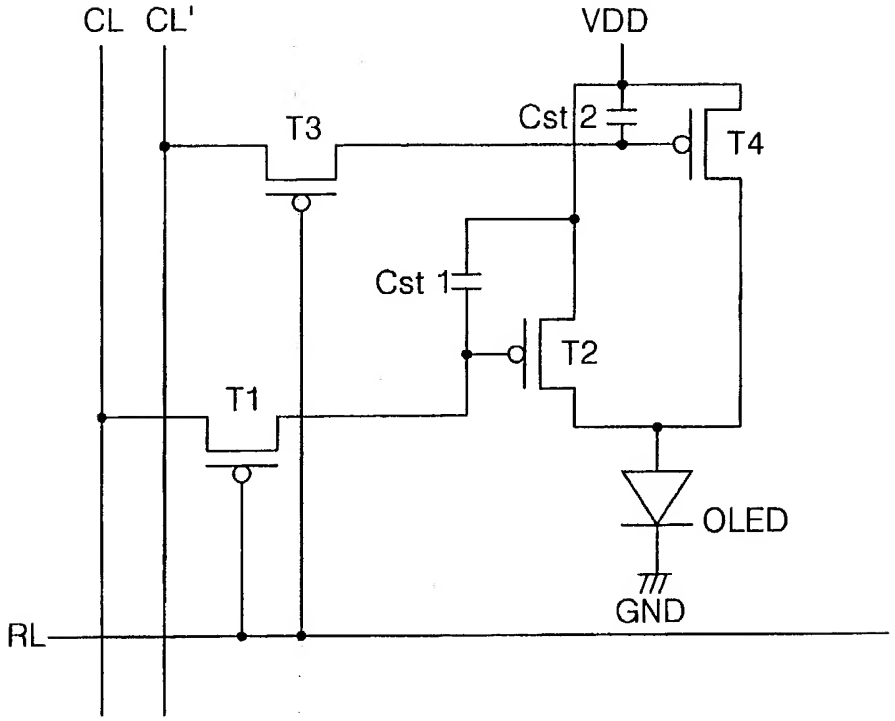

CL
CL'
VDD
T3
Cst 2
T4
Cst 1
T2
T1
OLED
GND
RL

FIG.12

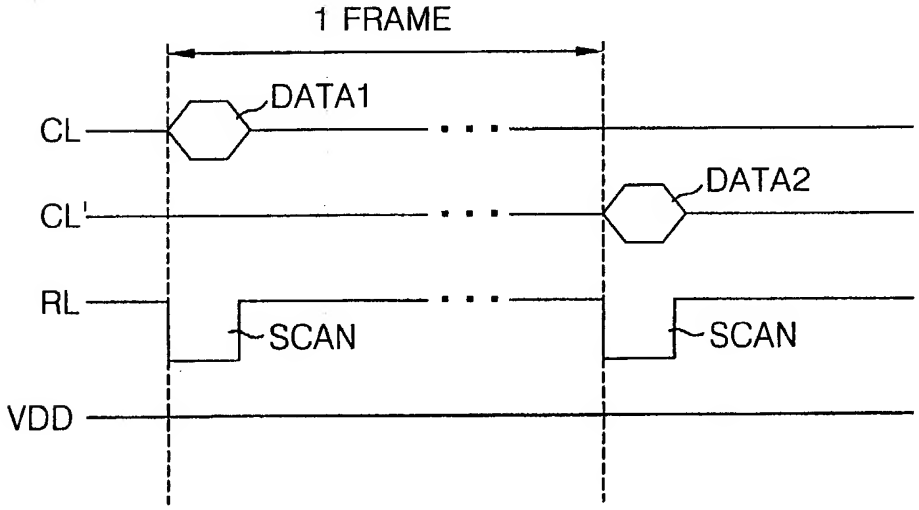

1 FRAME
DATA1
CL
DATA2
CL'
RL
SCAN
SCAN
VDD

FIG.13

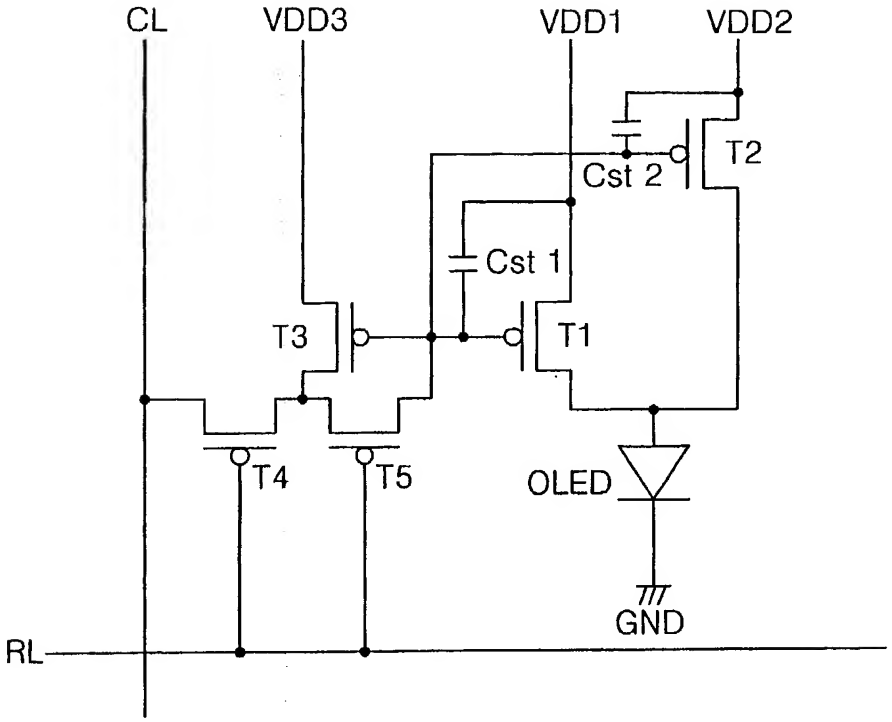
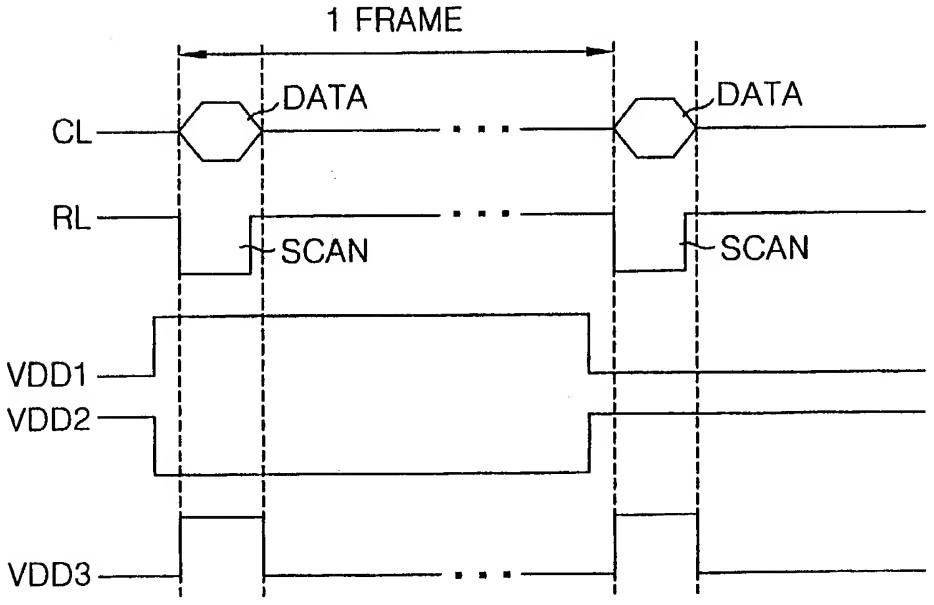

CL
VDD3
VDD1
VDD2
T2
Cst 2
Cst 1
T3
T1
T4
T5
OLED
GND
RL

FIG.14


1 FRAME
DATA
DATA
CL
RL
SCAN
SCAN
VDD1
VDD2
VDD3